

ABSTRACT

Subject
A method for the fabrication of a double-side electrical interconnection flexible circuit 200 particularly useful as a substrate for an area array integrated circuit package.

A copper matrix with studs 203 is pressed through a dielectric film 201 having a copper layer on the opposite surface, thereby forming an intermediate structure for a flex circuit with self-aligned solid copper vias in a one step process. The contacts are reinforced by plating both surfaces with a layer of copper, and conventional processes are used to complete the circuit patterning.